



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/733,185	12/08/2000	Bhavesh B. Bhatt	NEC0234US	3162
33031 7590 07/31/2009 CAMPBELL STEPHENSON LLP 11401 CENTURY OAKS TERRACE BLDG. H, SUITE 250 AUSTIN, TX 78758				
EXAMINER PARRY, CHRISTOPHER L				
ART UNIT		PAPER NUMBER		
2421				
MAIL DATE		DELIVERY MODE		
07/31/2009		PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

### **ADVISORY ACTION**

1. Applicant's arguments filed 27 July 2009 have been fully considered but they are not persuasive.

In response to applicant's argument (Page 4, 2<sup>nd</sup> ¶) stating the limitation of detecting a portion of the EPG which is less frequently accesses in not taught in the cited sections of Tsukidate, the examiner respectfully disagrees.

With respect to detecting one of the first portions of the first EPG stored in the RAM, which is less frequently accessed, Tsukidate discloses the first portion of the first EPG is stored in the internal memory of the data processing control unit 55 (Col. 13, lines 10-14). As noted by applicant on page 4, Tsukidate further discloses the program information that is stored to the internal memory of the data processing control unit 55 may be prepared by extracting the information with higher utilization frequency or by extracting the data based on predetermined attributes (Col. 13, lines 18-29). Thus, Tsukidate discloses that only program data that is anticipated to be frequently utilized is stored to the internal memory of the data processing control unit 55. As to the limitation of detecting first portions of the first EPG which is less frequently accessed and moving the detected one of the first portions is met by the disclosure of the data processing control unit 55 stores received program information that is stored in internal memory to the disk unit 51 at predetermined cycles (Col. 13, lines 41-56). Tsukidate makes it clear that program data that has a high utilization frequency is stored in the internal memory of data processing control unit 55 and therefore by disclosing data processing control unit 55 stores received program information to disk unit 51 implies that the received

Art Unit: 2421

program information that is stored to disk unit 51 is program data that is determined to have a low utilization frequency or "is less frequently accessed".